

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Satoru SHIGETA ET AL  
Serial No.: Not yet assigned  
Filed: NOVEMBER 19, 2003  
Title: INTERFACE CIRCUIT WITH POWER CONVERTER WITH  
INTERFACE CIRCUIT AND ELECTRIC VEHICLE WITH  
POWER CONVERTER  
Customer No.: 23911  
Confirmation No.:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.97 and 1.98**

**Mail Stop New APP**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**November 19, 2003**

Sir:

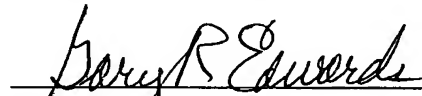
In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

An English abstract summarizing the disclosure of the Japanese patent document is submitted herewith.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

  
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FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office  <b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>	Attorney Docket No. 056207.52942US	Serial No. Not yet assigned
	Applicant: Satoru SHIGETA et al	
	Filing Date: November 19, 2003	Group

U.S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	TRANSLATION	
							Yes	No
	AK	2001-327171	22.11.2001	Japan			abstract	
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
	AQ							
	AR							
	AS							
EXAMINER					DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.								